



Modified Form PTO/SB/08A

Substitute for form 1449A/PTO				Complete If Known	
				Application Number	09/846,490
				Filing Date	April 30, 2001
				First Named Inventor	Eldridge et al.
				Group Art Unit	3729
				Examiner Name	C. Arbes
Sheet	1	of	6	Attorney Docket No.	P6D2-US

RECEIVED
MAR 14 2002

TECHNOLOGY CENTER R3700

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code ²			
CJA	1	4032058		Riseman	6/28/1977	
CJA	2	5103557		Leedy	4/14/1992	
CJA	3	5187020		Kwon et al.	2/16/1993	
CJA	4	5191708		Kasukabe et al.	3/9/1993	
CJA	5	5354712		Ho et al	10/11/1994	
CJA	6	5391521		Kim	2/21/1995	
CJA	7	5513430		Yanof et al.	5/7/1996	
CJA	8	6002266		Briggs et al.	12/14/1999	
CJA	9	5917707		Khandros et al.	6/29/1999	
CJA	10	6110823		Eldridge et al.	8/29/2000	
CJA	11	6029344		Khandros et al.	2/29/2000	
CJA	12	5772451		Dozier II, et al.	6/30/1998	
CJA	13	2967216		Zablocki et al.	Jan-61	
CJA	14	3663920		Lapham	May-72	
CJA	15	3676776		Bauer et al.	Jul-72	
CJA	16	3714384		Burkhardt	Jan-73	
CJA	17	3771110		Reed	Nov-73	
CJA	18	3826984		Epple	Jul-74	
CJA	19	3891924		Ardezzone et al.	Jun-75	
CJA	20	3994552		Selvin	Nov-76	
CJA	21	4307928		Petlock Jr.	Dec-81	
CJA	22	4338621		Braun	Jul-82	
CJA	23	4358175		Reid	Nov-82	
CJA	24	4466184		Cuneo et al.	Aug-84	
CJA	25	4553192		Babuka	Nov-82	

Examiner Signature	C.J. Arbes	Date Considered	8/16/02
--------------------	------------	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



Modified Form PTO/SB/08A

Substitute for Form 1449A/PTO				Complete If Known	
				Application Number	09/846,490
				Filing Date	April 30, 2001
				First Named Inventor	Eldridge et al.
				Group Art Unit	3729
				Examiner Name	C. Arbes
Sheet	2	of	6	Attorney Docket No.	P6D2-US

RECEIVED

MAR 14 2002

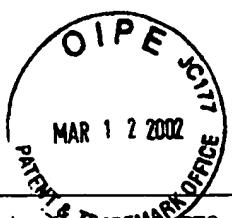
TECHNOLOGY CENTER R3700

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code ²			
Cja	26	4567433		Ohkubo et al.	Jan-86	
Cja	27	4593958		Baba	Jun-86	
Cja	28	4615573		White et al.	Oct-86	
Cja	29	4616404		Wang et al.	Oct-86	
Cja	30	4707655		Kruger	Nov-87	
Cja	31	4773877		Kruger et al.	Sep-88	
Cja	32	4831614		Duerig et al.	May-89	
Cja	33	4866504		Landis	Sep-89	
Cja	34	4893172		Matsumoto et al.	Jan-90	
Cja	35	4932883		Hsia et al.	Jun-90	
Cja	36	4965865		Trenary	Oct-90	
Cja	37	4993957		Shino	Feb-91	
Cja	38	5090118		Kwon et al.	Feb-92	
Cja	39	5152695		Grabbe et al.	Oct-92	
Cja	40	5191708		Kasukabe et al.	Mar-93	
Cja	41	5210939		Mallik et al.	May-93	
Cja	42	5221895		Janko et al.	Jun-93	
Cja	43	5308797		Kee	May-94	
Cja	44	5391521		Kim	Feb-95	
Cja	45	5469733		Yasue et al.	Nov-95	
Cja	46	5475318		Marcus et al.	Dec-95	
Cja	47	5632631		Fjelstad et al.	May-97	
Cja	48	5811982		Beaman et al.	Sep-98	
Cja	49	3832632		Ardezzone	8/27/1974	
Cja	50	3654585		Wickersham	4/4/1972	

Examiner Signature	C. Arbe	Date Considered	8/6/02
--------------------	---------	-----------------	--------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



Modified Form PTO/SB/08A

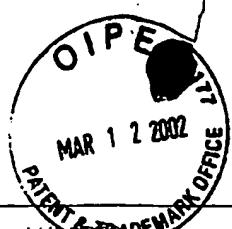
Substitute for TRADEMARK PTO				Complete If Known	
				Application Number	09/846,490
				Filing Date	April 30, 2001
				First Named Inventor	Eldridge et al.
				Group Art Unit	3729
				Examiner Name	C. Arbes
Sheet	3	of	6	Attorney Docket No.	P6D2-US

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code ²			
Cja	51	3842189		Southgate	10/15/1974	
Cja	52	4085502		Ostman et al.	4/25/1978	
Cja	53	4548451		Benarr et al.	10/22/1985	
Cja	54	4707657		Boegh-Petersen	11/17/1987	
Cja	55	4983907		Crowley	1/8/1991	
Cja	56	5017738		Tsuji et al.	5/21/1993	
Cja	57	5067007		Kanji et al.	Nov-91	
Cja	58	5139427		Boyd et al.	8/18/1992	
Cja	59	5148103		Pasiecznik, Jr.	9/15/1992	
Cja	60	5187020		Kwon et al.	2/16/1993	
Cja	61	5228861		Grabbe	7/20/1993	
Cja	62	5317479		Pai et al.	5/31/1994	
Cja	63	5437556		Bargain et al.	8/1/1995	
Cja	64	5471151		DiFrancesco	11/28/1995	
Cja	65	5476211		Khandros	12/19/1995	
Cja	66	5806181		Khandros et al.	Sep-98	
Cja	67	5828226		Higgins et al.	Oct-98	
Cja	68	5852871		Khandros	Dec-98	
Cja	69	5900738		Kandros et al.	May-99	
Cja	70	6050829		Eldridge et al.	Apr-00	
Cja	71	5109596		Driller et al.	May-92	
Cja	72	5399982		Driller et al.	Mar-95	
Cja	73	4955523		Calomagno et al.	Sep-90	
Cja	74	5189507		Carlomagno et al.	Feb-93	

Examiner Signature	C. J. Arbes	Date Considered	8/16/02
--------------------	-------------	-----------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



Modified Form PTO/SB/08A

Substitute for form 1449A				Complete If Known	
				Application Number	09/846,490
				Filing Date	April 30, 2001
				First Named Inventor	Eldridge et al.
				Group Art Unit	3729
				Examiner Name	C. Arbes
Sheet	4	of	6	Attorney Docket No.	P6D2-US

RECEIVED

MAR 14 2002

TECHNOLOGY CENTER R3700

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code ²			
ca	75	5455390		DiStefano et al.	Oct-95	
ca	76	5130779		Agarwala et al.	Jul-92	
ca	77	5071359		Arnio et al.	Dec-91	
ca	78	5072520		Nelson	Dec-91	
ca	79	5237743		Busacco et al.	Aug-93	
ca	80	5245751		Locke et al.	Sep-93	
ca	81	5379515		Kondo et al.	Jan-95	
ca	82	4947481		Ikeda et al.	Aug-90	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions	T ⁶
		Office ³	Number ⁴				
ca	83	GB	1446196	Carrier	8/18/2002 1976		
ca	84	EP	295914	Karnezos	12/21/1988		
ca	85	EP	396248	Keiichi et al.	11/7/1990		
ca	86	EP	413042	Greschner et al.	2/10/1991		
ca	87	JP	4214650	Shoichi	8/5/1992		
ca	88	JP	6018555	Meisei Denshi Kogyo	1/25/1994		
ca	89	JP	6265575	Masamitsu et al.	9/22/1994		
ca	90	JP	6180329	Kouchi	Jun-94		
ca	91	WO	9112706	Leedy	Aug-91		
ca	92	WO	9409513	Leedy	Apr-94		
ca	93	DE	4237591	Manq et al	5/11/1994		
ca	94	EP	369112	Manq et al	5/23/1990		
ca	95	EP	402756	Yasujato et al	12/19/1990		

Examiner Signature	C. J. Arbes	Date Considered	8/6/02
--------------------	-------------	-----------------	--------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



Modified Form PTO/SB/08A

Substitute for form 1449A/PTO				Complete If Known	
				Application Number	09/846,490
				Filing Date	April 30, 2001
				First Named Inventor	Eldridge et al.
				Group Art Unit	3729
				Examiner Name	C. Arbes
Sheet	5	of	6	Attorney Docket No.	P6D2-US

RECEIVED
MAR 14 2002
TECHNOLOGY CENTER R3700

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Office ³	Number ⁴			
ga	96	JP	365659	Kenjiro	Mar-91	
ga	97	JP	451535		Dec-91	
ga	98	JP	529406	NAKAO	Feb-93	
ga	99	JP	588960		Feb-83	
ga	100	JP	650990		Feb-94	
ga	101	JP	772172	Hiro Yuki et al	Mar-95	
ga	102	JP	1152271	NAKAZIMA et al	Oct-89	
ga	103	JP	1255240	MINORU	10/12/1989	
ga	104	JP	2226996	Hirosaki	Jan-00	
ga	105	JP	3292406	Keiichi	Nov-88	
ga	106	JP	4207047	Etaru	Sep-90	
ga	107	JP	4240570	NAOAKI	Aug-92	
ga	108	JP	4294559	Hisaishi et al	Oct-92	
ga	109	JP	4357848	Shuhei	12/10/1992	
ga	110	JP	5218156	Ryuichi et al	Aug-93	
ga	111	JP	6119770	Sugino	Feb-86	
ga	112	JP	6244285		Mar-87	
ga	113	JP	6249924	Kazumi et al	Sep-94	
ga	114	JP	6273445	MA SAO	Sep-94	

Examiner Signature	C. J. Arbes	Date Considered	8/6/02
--------------------	-------------	-----------------	--------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

*Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



Modified Form PTO/SB/08A

Substitute for form 1449A/PTC INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				<i>Complete If Known</i>	
				Application Number	09/846,490
				Filing Date	April 30, 2001
				First Named Inventor	Eldridge et al.
				Group Art Unit	3729
				Examiner Name	C. Arbes
Sheet	6	of	6	Attorney Docket No.	P6D2-US

RECEIVED
MAR 14 2002

TECHNOLOGY CENTER R3700

FOREIGN PATENT DOCUMENTS							
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions	T ⁶
		Office ³	Number ⁴				
CP	115	JP	6313775		Nov-94		
CP	116	JP	6363777		Apr-88		
CP	117	JP	58178293	MotoKi et al	Nov-83		
CP	118	JP	59149070	MIZUNO	Oct-84		
CP	119	JP	62160373	MIZUNO et al	Oct-87		
CP	120	JP	63243768	MINER et al	Oct-88		
CP	121	JP	63279477	YUJI et al	Mar-91		

OTHER PRIOR ART - NONPATENT LITERATURE DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				T ²
CP	122	"Robust Method Using Simple Unit Processes For Thin Film Cu-Polyimide Packaging Structures," IBM Technical Disclosure Bulletin, vol. 34, no. 10A (March 1992)				

Examiner Signature	C.J. Arbes	Date Considered	8/6/02
--------------------	------------	-----------------	--------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



**COPY OF PAPERS
ORIGINALLY FILED**

Modified Form PTO/SB/08A

Substitute for form 149A/PTO TRADE		<i>Complete If Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/846,490
		Filing Date	April 30, 2001
		First Named Inventor	Eldridge et al.
		Group Art Unit	3729
		Examiner Name	C. Arbes
Sheet	1	of	1
		Attorney Docket No. P6D2-US	

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code ²			
Oja	1	4038599		Bove et al.	7/26/1977	
Oja	2	5070297		Kwon et al.	12/3/1991	
Oja	3	5329226		Monnet et al.	7/12/1994	
Oja	4	5395253		Crumly	3/7/1995	
Oja	5	5521518		Higgins	5/28/1996	
Oja	6	5534784		Lum et al.	7/9/1996	
Oja	7	5555422		Nakano	9/10/1996	
Oja	8	5629631		Perry et al.	5/13/1997	
Oja	9	5686842		Lee	11/11/1997	
Oja	10	5821763		Beaman et al.	10/13/1998	

FOREIGN PATENT DOCUMENTS

Examiner Signature	C. J. Arbes	Date Considered	11/103
--------------------	-------------	-----------------	--------

EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

RECEIVED

JUL 22 2002

TECHNOLOGY CENTER K3700

ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

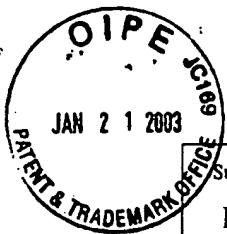
Stylesheet Version v18.0

Title of Invention	Probe Card Assembly And Kit, And Methods Of Making Same																																																																														
<p>Application Number : 09/846490 </p> <p>Confirmation Number: 5397</p> <p>First Named Applicant: Benjamin Eldridge</p> <p>Attorney Docket Number: P6D2-US</p> <p>Art Unit:</p> <p>Examiner: Carl J. Arbes</p> <p>Search string: (5974662 or 6246247 or 6624648 or 6615485 or 20020117330 or 20030199179 or 20020053734).pn</p>																																																																															
<h3>US Patent Documents</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td>Gja</td><td>1</td><td>5974662</td><td>1999-11-02</td><td>Eldridge et al.</td><td>/</td><td>/</td><td></td></tr><tr><td>Gja</td><td>2</td><td>6246247</td><td>2001-06-12</td><td>Eldridge et al.</td><td>/</td><td>/</td><td></td></tr><tr><td>Gja</td><td>3</td><td>6624648</td><td>2003-09-23</td><td>Eldridge et al.</td><td>/</td><td>/</td><td></td></tr><tr><td>Gja</td><td>4</td><td>6615485</td><td>2003-09-09</td><td>Eldridge et al.</td><td>/</td><td>/</td><td></td></tr></tbody></table> <h3>US Published Applications</h3> <p>Note: Applicant is not required to submit a paper copy of cited US Published Applications</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Pub. No.</th><th>Date</th><th>Applicant</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>20020117330</td><td>2002-08-29</td><td>Eldridge et al.</td><td>/</td><td>/</td><td></td></tr><tr><td></td><td>2</td><td>20030199179</td><td>2003-10-23</td><td>Eldridge et al.</td><td>/</td><td>/</td><td></td></tr><tr><td></td><td>3</td><td>20020053734</td><td>2002-05-09</td><td>Eldridge et al.</td><td>/</td><td>/</td><td></td></tr></tbody></table> <h3>Remarks</h3> <p>Note: Remarks are not for responding to an office action.</p> <p>COMMONLY OWNED, RELATED U.S. PATENTS AND APPLICATIONS: Applicants note that each of the seven patents and patent applications cited in the attached listing are U.S. patents or applications that are commonly owned with the above-identified patent application and may</p>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass	Gja	1	5974662	1999-11-02	Eldridge et al.	/	/		Gja	2	6246247	2001-06-12	Eldridge et al.	/	/		Gja	3	6624648	2003-09-23	Eldridge et al.	/	/		Gja	4	6615485	2003-09-09	Eldridge et al.	/	/		init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass		1	20020117330	2002-08-29	Eldridge et al.	/	/			2	20030199179	2003-10-23	Eldridge et al.	/	/			3	20020053734	2002-05-09	Eldridge et al.	/	/	
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass																																																																								
Gja	1	5974662	1999-11-02	Eldridge et al.	/	/																																																																									
Gja	2	6246247	2001-06-12	Eldridge et al.	/	/																																																																									
Gja	3	6624648	2003-09-23	Eldridge et al.	/	/																																																																									
Gja	4	6615485	2003-09-09	Eldridge et al.	/	/																																																																									
init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass																																																																								
	1	20020117330	2002-08-29	Eldridge et al.	/	/																																																																									
	2	20030199179	2003-10-23	Eldridge et al.	/	/																																																																									
	3	20020053734	2002-05-09	Eldridge et al.	/	/																																																																									

contain subject matter that is related to the subject matter of the above-identified patent application. The Examiner's attention is therefore directed to the prosecution history of the foregoing related U.S. patent(s) and patent application(s) and prior art cited in these patent(s) and patent application(s); Applicants assume the Examiner has access to all of the prosecution history, including the cited prior art, of these patent(s) and patent application(s), but Applicants will provide copies of all or any part of the prosecution history or prior art from any of these patent(s) or patent application(s) upon request.

Signature

Examiner Name	Date
C.J. Arbes	12/22/05



Modified Form PTO/SB/08A

Substitute for form 1449A/PTO				Complete If Known	
				Application Number	09/846,490
				Filing Date	April 30, 2001
				First Named Inventor	Eldridge et al.
				Group Art Unit	3729
				Examiner Name	C. Arbes
Sheet	1	of	2	Attorney Docket No.	P6D2-US

RECEIVED
JAN 24 2003
TECHNOLOGY CENTER R370

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code ²			
CA	1	3810301		Cook	5/15/1974	
CA	2	3835530		Kilby	9/17/1974	
CA	3	4281449		Ports et al.	8/4/1981	
CA	4	4623839		Garretson et al.	11/18/1986	
CA	5	4795977		Frost et al.	1/3/1989	
CA	6	4924589		Leedy	5/15/1990	
CA	7	5055780		Takagi et al.	10/8/1991	
CA	8	5177438		Littlebury et al.	1/5/1993	
CA	9	5412329		Iino et al.	5/2/1995	
CA	10	5465611		Ruf et al.	11/14/1995	
CA	11	5476818		Yanof et al.	12/19/1995	
CA	12	5666190		Quate et al.	9/9/1997	
CA	13	5720098		Kister	2/24/1998	
CA	14	5811982		Beaman et al.	9/22/1998	
CA	15	6032356		Eldridge et al.	3/7/2000	
CA	16	6215320	B1	Parrish	4/10/2001	
CA	17	6219908	B1	Farnsworth et al.	4/24/2001	
CA	18	6330164	B1	Khandros et al.	12/11/2001	
CA	19	6334247	B1	Beaman et al.	1/1/2002	
CA	20	6392426	B2	Farnsworth et al.	5/21/2002	

Examiner Signature	CA Arbes	Date Considered	21/03
--------------------	----------	-----------------	-------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



Modified Form PTO/SB/08A

Substitute for TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				<i>Complete If Known</i>	
				Application Number	09/846,490
				Filing Date	April 30, 2001
				First Named Inventor	Eldridge et al.
				Group Art Unit	3729
				Examiner Name	C. Arbes
Sheet	2	of	2	Attorney Docket No.	P6D2-US

RECEIVED
JAN 24 2003
TECHNOLOGY CENTER R3700

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Office ²	Number ³	Kind Code ⁴		T ⁵
CA	21	EP	544305	A2	Ouchi et al.	6/2/1993
CA	22	JP	04-93157		Tazawa	8/13/1992
CA	23	JP	05-018741		Kawase et al.	1/26/1993
CA	24	JP	05-198716		Osawa	8/6/1993
CA	25	JP	06-267408		Todokoro et al.	9/22/1994
CA	26	JP	07-021968		Watanabe et al.	1/24/1995
CA	27	JP	07-333232		Tagi et al.	12/22/1995
CA	28	JP	59-088860		Hatada et al.	5/22/1984
CA	29	JP	62-160373		Mizumo et al.	10/12/1987

OTHER PRIOR ART – NONPATENT LITERATURE DOCUMENTS		
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
CA	31	KONG et al., "Integrated electrostatically resonant scan tip for an atomic force microscope," J. Vac. Sci. Technol. B 11(3) (May/June 1993), pp. 634-645
CA	32	LEUNG et al., "Active Substrate Membrane Probe Card," Center for Integrated Systems, Stanford University, October 12, 1995, pp. 29.2.1-29.2.4

Examiner Signature	C. J. Arbes	Date Considered	21/03
--------------------	-------------	-----------------	-------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



~~Institute for form 1449A/PTO~~

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

She

1

of

2

Modified Form PTO/SB/08A

<i>Complete If Known</i>	
Application Number	09/846,490
Filing Date	April 30, 2001
First Named Inventor	Eldridge et al.
Group Art Unit	3729
Examiner Name	C. Arbes
Attorney Docket No.	P6D2-US

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant	Publication Date	Copy Enclosed	T
		Office	Number ²	Kind Code ³				
GJ	12	JP	1150862		Mitsubishi Electric Corp.	6/13/89	Yes	X
GJ	13	JP	6-151532		Tokyo Electron Yamanashi KK	5/31/94	Yes Pb's only	X
GJ	14	JP	63-293934		Hitachi	11/30/88	Yes	X
GJ	15	JP	6-84455		Canon Kabushiki Kaisha	3/25/94	Yes	X
GJ	16	JP	7-7052		Seiko-Epson Corp	1/10/95	Yes	X
GJ	17	EP	508707		Texas Instruments	10/14/92	Yes	X

Examiner Signature	C. J. Arbes	Date Considered	8/15/05
-----------------------	-------------	--------------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

She

2

of

Modified Form PTO/SB/08A

<i>Complete If Known</i>	
Application Number	09/846,490
Filing Date	April 30, 2001
First Named Inventor	Benjamin Eldridge et al.
Group Art Unit	3729
Examiner Name	C. Arbes
Attorney Docket No.	P6D2-US

OTHER PRIOR ART - NONPATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
CP	18	Lee, "Design and Fabrication of a monolithic High-Density Probe Card for High-Frequency on-Wafer Testing", IEEE, IEDM 89-289-292, (1989).	

Examiner Signature	C. J. Asher	Date Considered	4/15/05
-----------------------	-------------	--------------------	---------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

Modified Form PTO/SB/08A

Substitute for form 1449A/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/846,490
				Filing Date	4/30/01
				First Named Inventor	Eldridge et al.
				Group Art Unit	3729
				Examiner Name	C. Arbes
Sheet	1	of	1	Attorney Docket No.	P6D2-US

OTHER PRIOR ART - NONPATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
<i>CJA</i>	3	Korea Institute of Machinery & Materials "Development of Manufacturing Process for Membrane Probe Card", Ministry of Science and Technology, pp.1-62, (1992).	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Appl. No. 09/846,490
IDS dated October 6, 2005

Modified Form PTO/SB/08A

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				<i>Complete If Known</i>	
				Application Number	09/846,490
				Filing Date	April 30, 2001
				First Named Inventor	Eldridge et al.
				Group Art Unit	3729
				Examiner Name	Carl J. Arbes
Sheet	1	of	1	Attorney Docket No.	P6D2-US

U.S. PUBLISHED PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document Number	Name of Patentee or Applicant	Publ./Issue Date	Related ²	Copy Enclosed
ya	1.	2001/0002341	Eldridge et al.	5/31/2001	Yes	Yes

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document Office Number ³	Name of Patentee or Applicant	Publ. Date	T ⁴	Copy Enclosed
ya	2.	JP 05-029406	Nakao	2/5/1993	x	Yes

Examiner Signature	Carl J. Arbes	Date Considered	12/22/05
--------------------	---------------	-----------------	----------

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

** Reference cited in parent application US Serial No. 09/851,566. 37 CFR § 1.98(d)

*** Pre-OG Notice By Deputy Commissioner Stephen G. Kunin dated July 11, 2003 waiving the requirement to file copies of US patent publications in applications filed after June 30, 2003.

& Notice dated October 19, 2004 by Deputy Commissioner for Patent Examination Policy waiving requirement to file copies of pending US patent applications if the applications are stored in the USPTO's IFW system.

Commonly owned US patent or application whose subject matter may be related to the subject matter of the instant patent application.